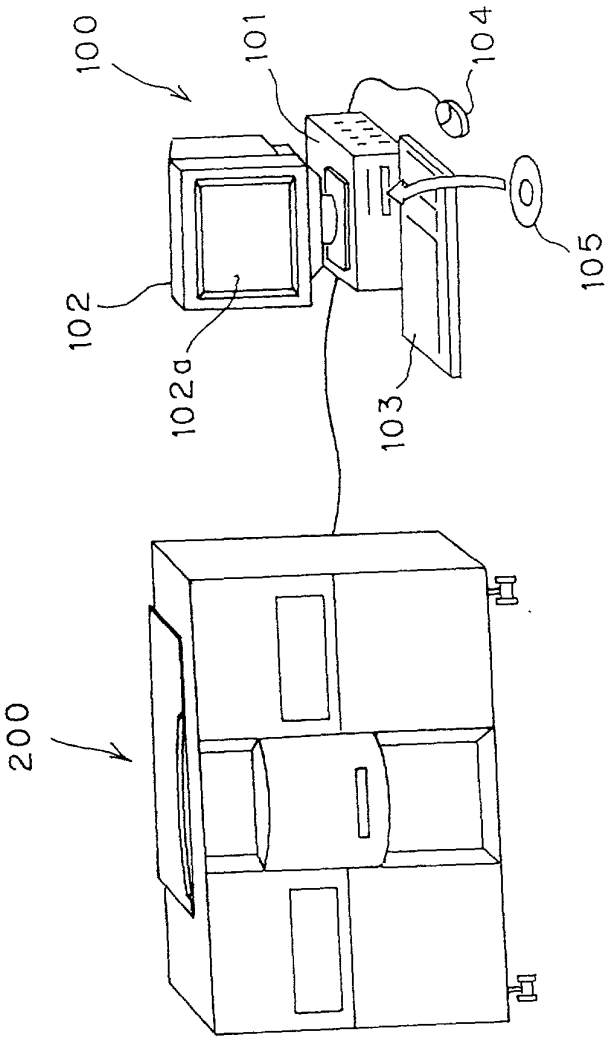

Fig. 1

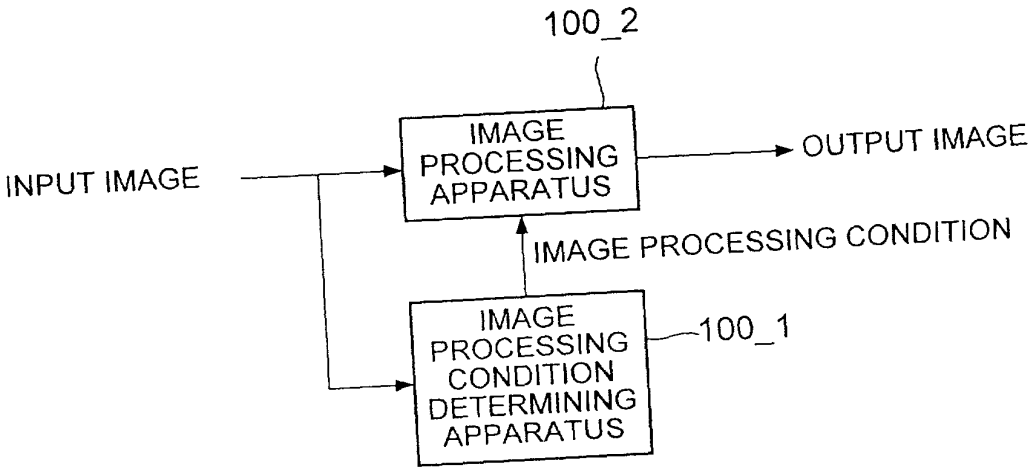
100_2
IMAGE PROCESSING APPARATUS
INPUT IMAGE
OUTPUT IMAGE
IMAGE PROCESSING CONDITION
IMAGE PROCESSING CONDITION DETERMINING APPARATUS
100_1

Fig. 2

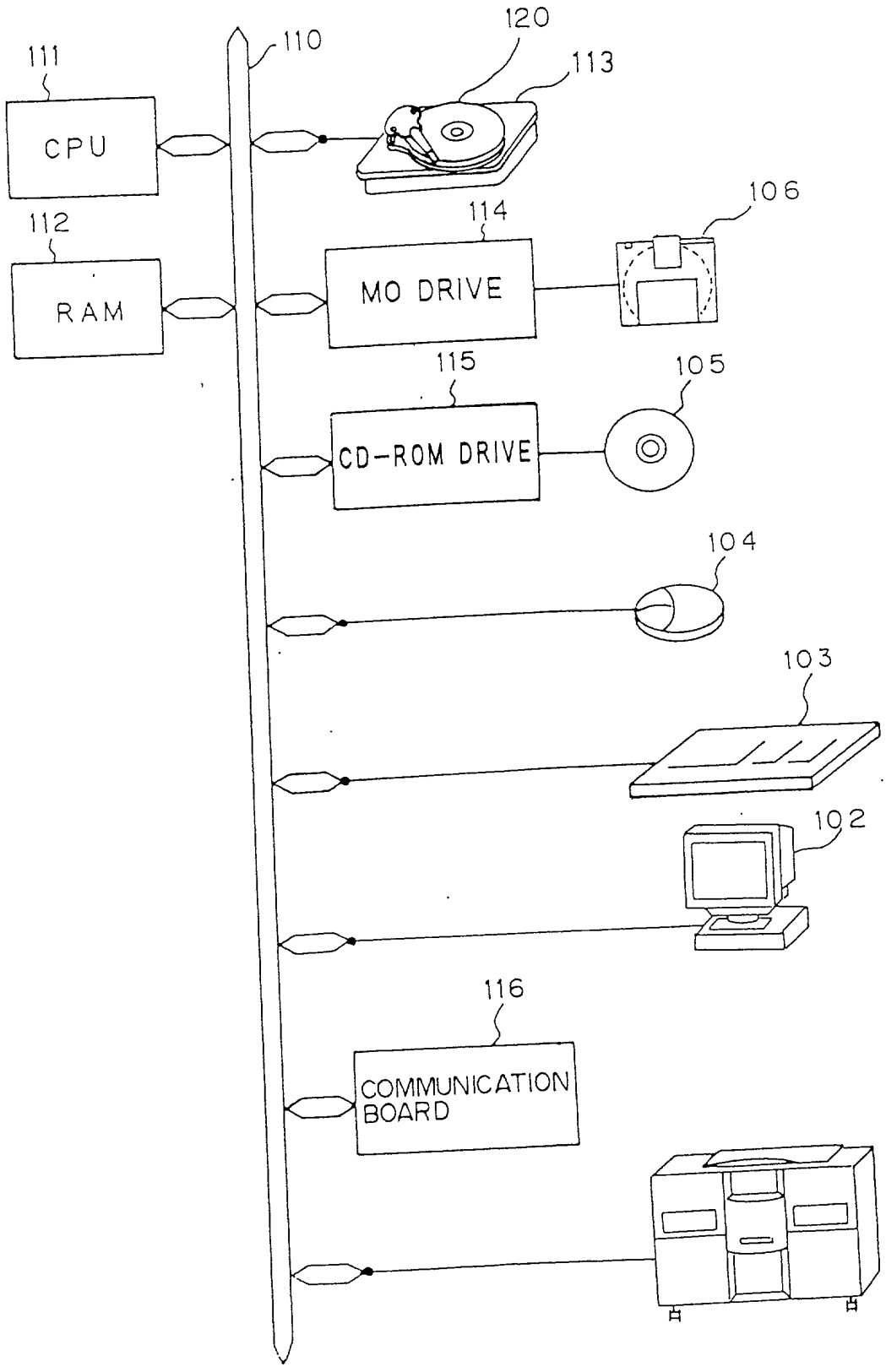
111
CPU
110
120
113
112
RAM
114
MO DRIVE
106
115
CD-ROM DRIVE
105
104
103
102
116
COMMUNICATION BOARD

Fig. 3

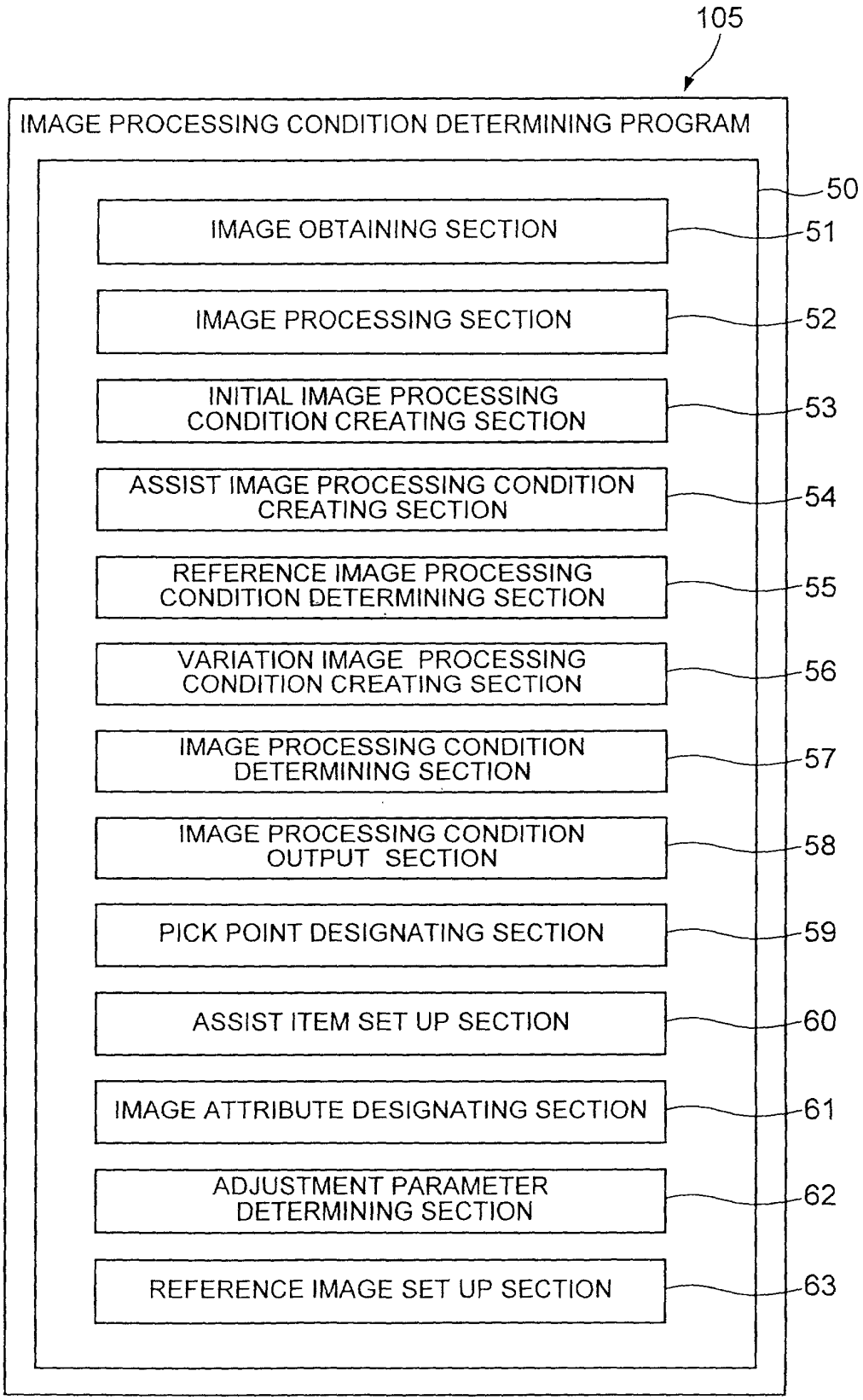
105
IMAGE PROCESSING CONDITION DETERMINING PROGRAM
50
IMAGE OBTAINING SECTION
51
IMAGE PROCESSING SECTION
52
INITIAL IMAGE PROCESSING CONDITION CREATING SECTION
53
ASSIST IMAGE PROCESSING CONDITION CREATING SECTION
54
REFERENCE IMAGE PROCESSING CONDITION DETERMINING SECTION
55
VARIATION IMAGE PROCESSING CONDITION CREATING SECTION
56
IMAGE PROCESSING CONDITION DETERMINING SECTION
57
IMAGE PROCESSING CONDITION OUTPUT SECTION
58
PICK POINT DESIGNATING SECTION
59
ASSIST ITEM SET UP SECTION
60
IMAGE ATTRIBUTE DESIGNATING SECTION
61
ADJUSTMENT PARAMETER DETERMINING SECTION
62
REFERENCE IMAGE SET UP SECTION
63

Fig. 4

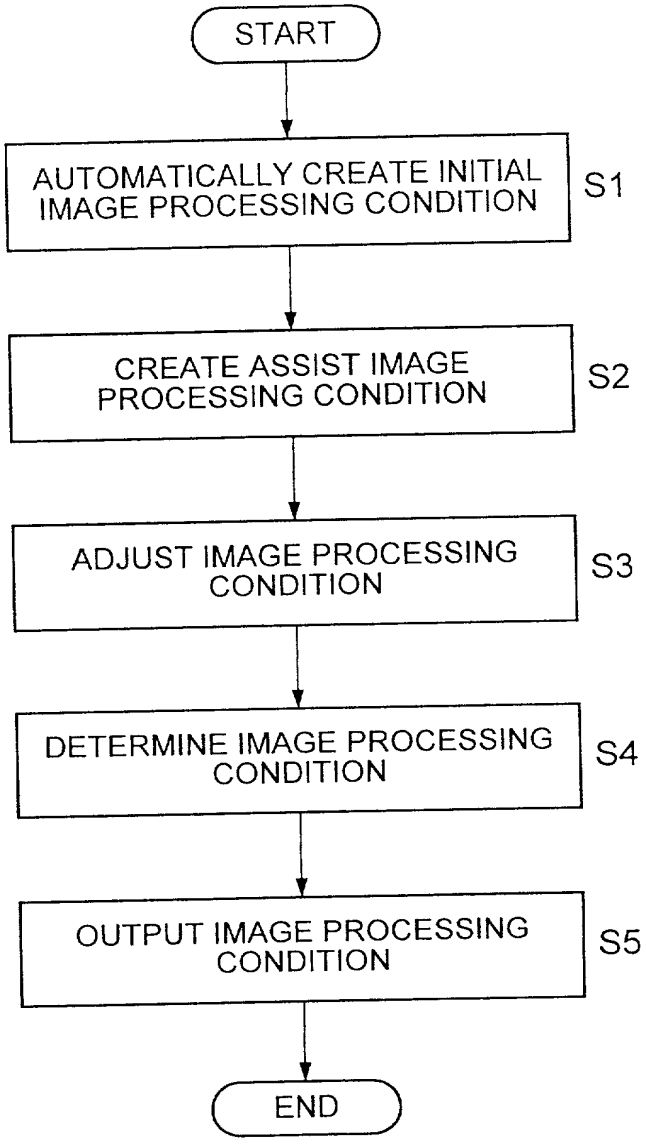
START
AUTOMATICALLY CREATE INITIAL IMAGE PROCESSING CONDITION
S1
CREATE ASSIST IMAGE PROCESSING CONDITION
S2
ADJUST IMAGE PROCESSING CONDITION
S3
DETERMINE IMAGE PROCESSING CONDITION
S4
OUTPUT IMAGE PROCESSING CONDITION
S5
END

Fig. 5

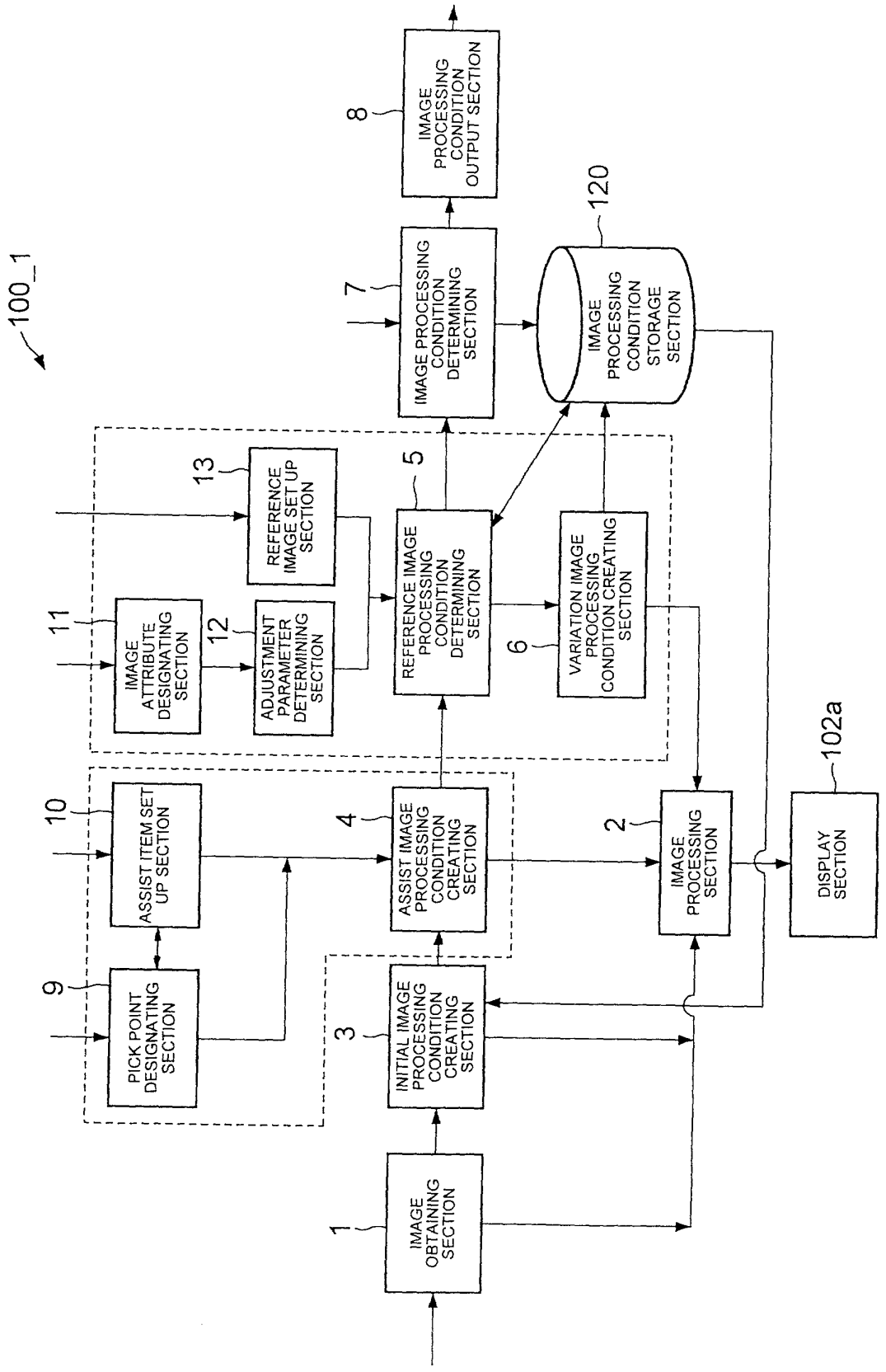
100_1
IMAGE OBTAINING SECTION
1
INITIAL IMAGE PROCESSING CONDITION CREATING SECTION
3
PICK POINT DESIGNATING SECTION
9
ASSIST ITEM SET UP SECTION
10
ASSIST IMAGE PROCESSING CONDITION CREATING SECTION
4
IMAGE ATTRIBUTE DESIGNATING SECTION
11
ADJUSTMENT PARAMETER DETERMINING SECTION
12
REFERENCE IMAGE SET UP SECTION
13
REFERENCE IMAGE PROCESSING CONDITION DETERMINING SECTION
5
VARIATION IMAGE PROCESSING CONDITION CREATING SECTION
6
IMAGE PROCESSING SECTION
2
DISPLAY SECTION
102a
IMAGE PROCESSING CONDITION DETERMINING SECTION
7
IMAGE PROCESSING CONDITION STORAGE SECTION
120
IMAGE PROCESSING CONDITION OUTPUT SECTION
8

Fig. 6

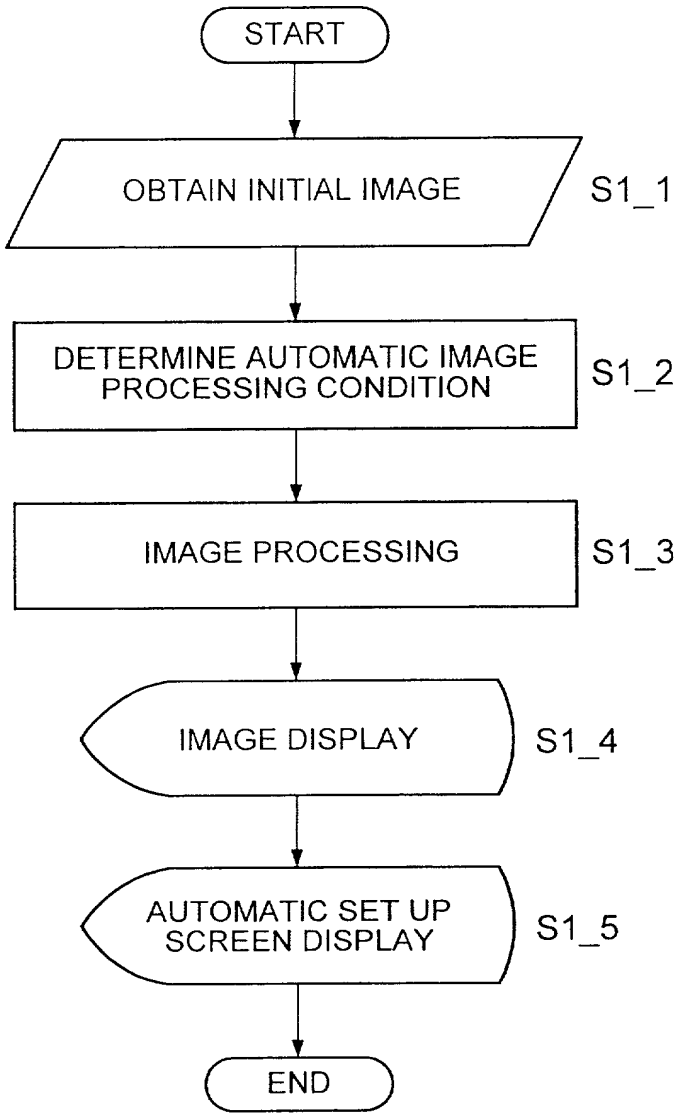
START
OBTAIN INITIAL IMAGE
S1_1
DETERMINE AUTOMATIC IMAGE PROCESSING CONDITION
S1_2
IMAGE PROCESSING
S1_3
IMAGE DISPLAY
S1_4
AUTOMATIC SET UP SCREEN DISPLAY
S1_5
END

Fig. 7

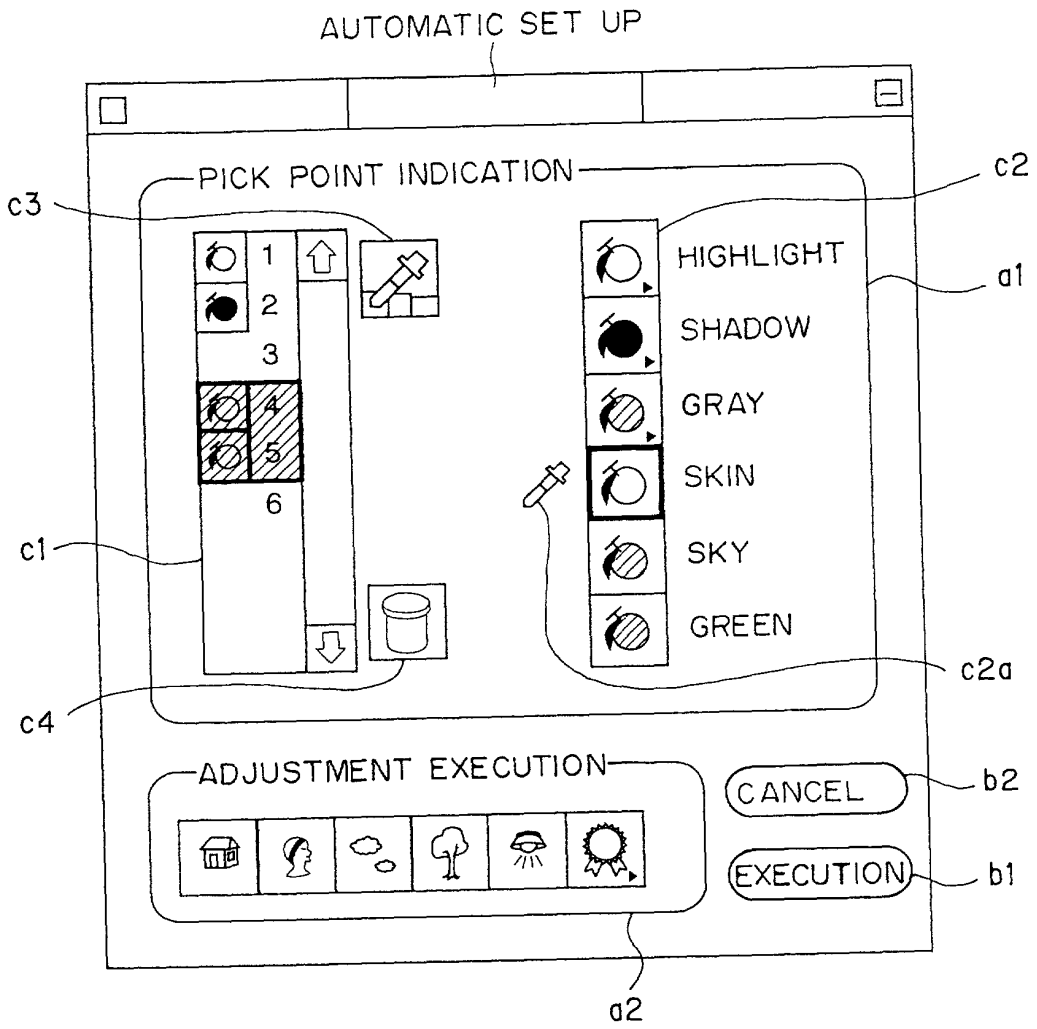
AUTOMATIC SET UP
PICK POINT INDICATION
c3
c2
1
2
3
4
5
6
HIGHLIGHT
SHADOW
GRAY
SKIN
SKY
GREEN
a1
c1
c4
c2a
ADJUSTMENT EXECUTION
CANCEL
b2
EXECUTION
b1
a2

Fig. 8

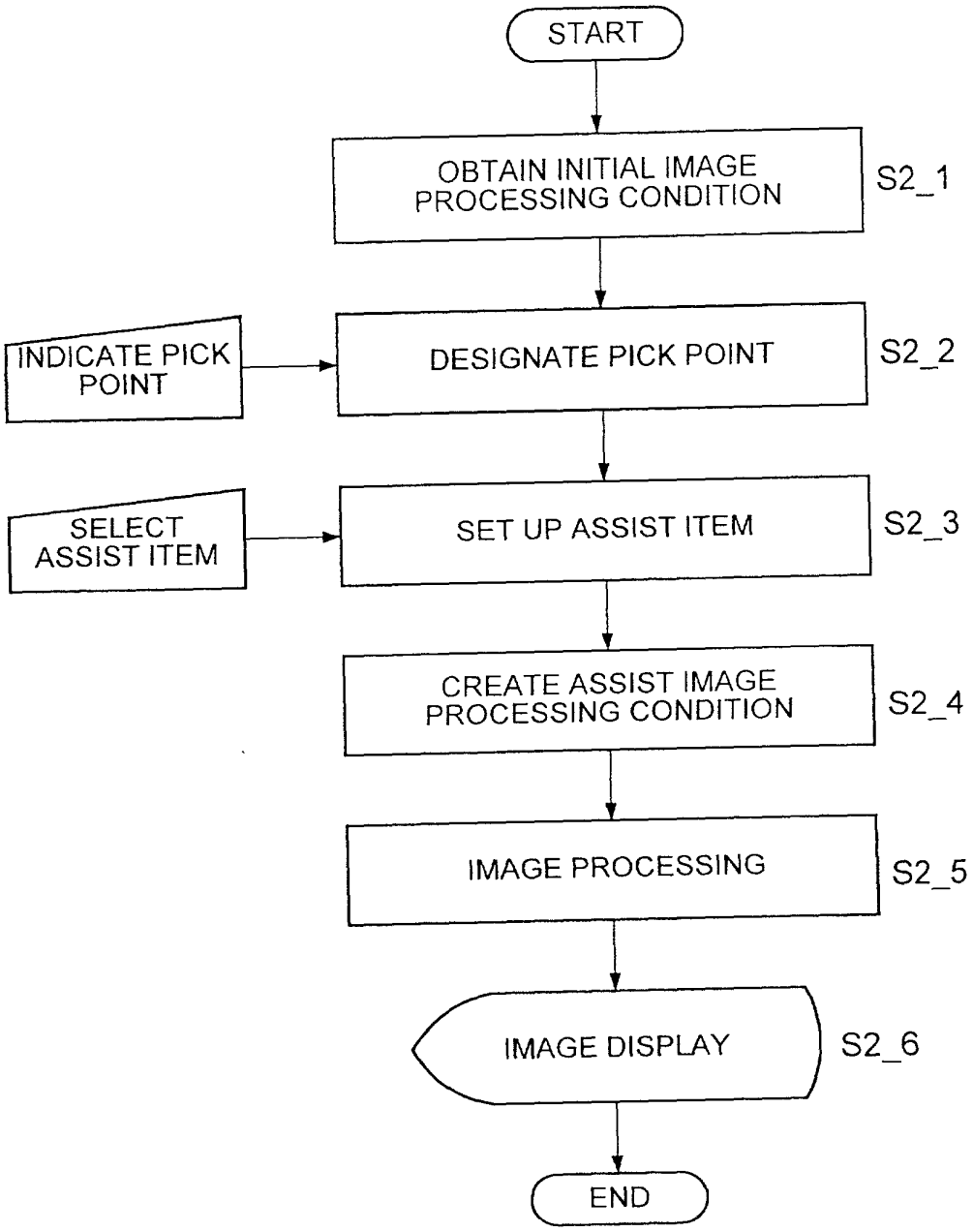
START
OBTAIN INITIAL IMAGE PROCESSING CONDITION
S2_1
INDICATE PICK POINT
DESIGNATE PICK POINT
S2_2
SELECT ASSIST ITEM
SET UP ASSIST ITEM
S2_3
CREATE ASSIST IMAGE PROCESSING CONDITION
S2_4
IMAGE PROCESSING
S2_5
IMAGE DISPLAY
S2_6
END

Fig. 9

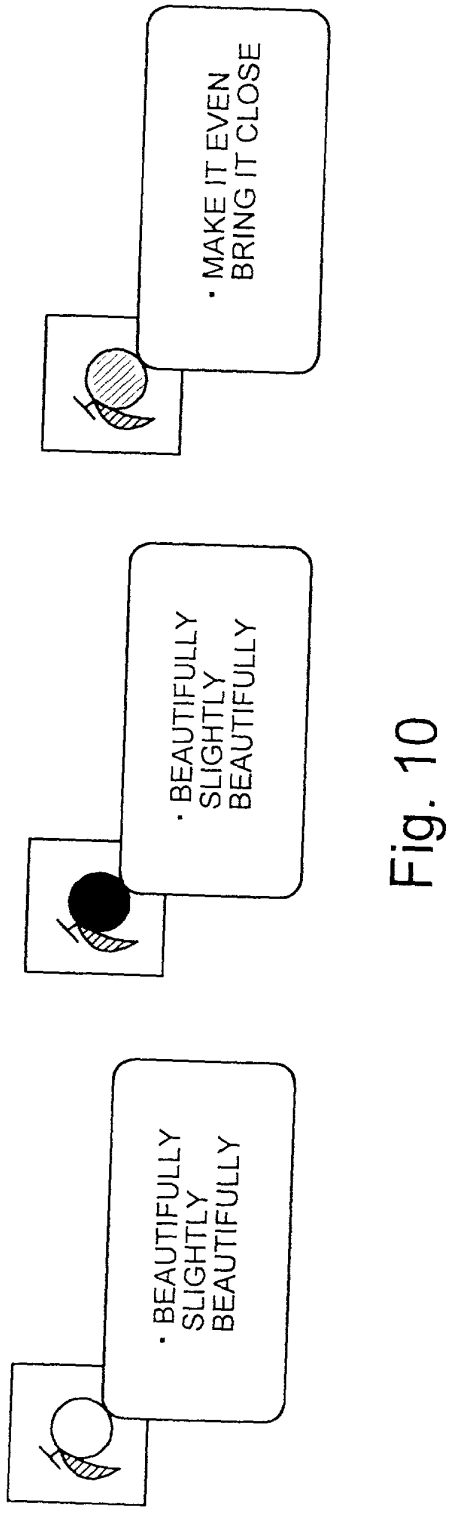
· MAKE IT EVEN
BRING IT CLOSE
· BEAUTIFULLY
SLIGHTLY
BEAUTIFULLY
· BEAUTIFULLY
SLIGHTLY
BEAUTIFULLY

Fig. 10

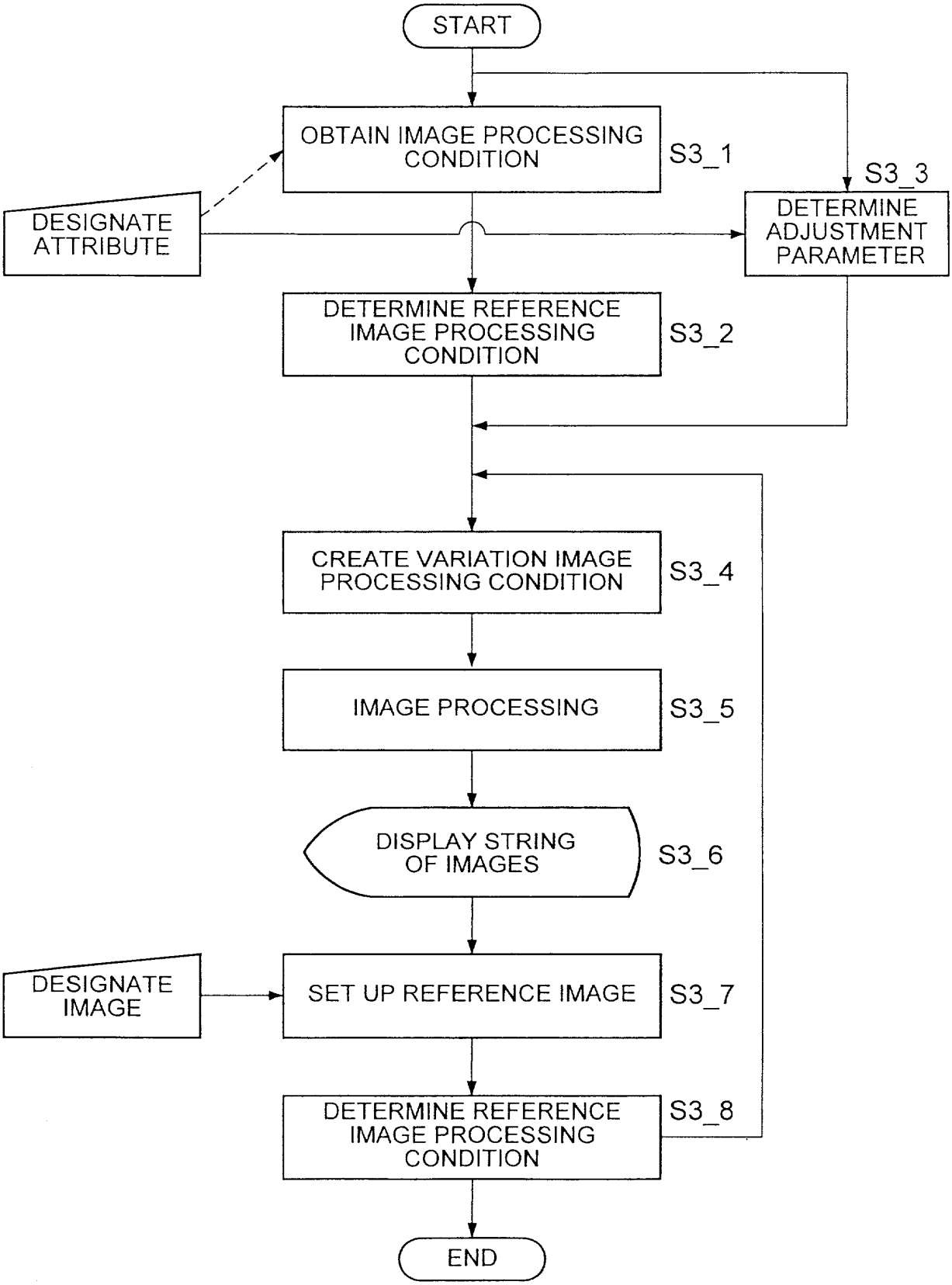
START
OBTAIN IMAGE PROCESSING CONDITION
S3_1
DESIGNATE ATTRIBUTE
S3_3
DETERMINE ADJUSTMENT PARAMETER
DETERMINE REFERENCE IMAGE PROCESSING CONDITION
S3_2
CREATE VARIATION IMAGE PROCESSING CONDITION
S3_4
IMAGE PROCESSING
S3_5
DISPLAY STRING OF IMAGES
S3_6
DESIGNATE IMAGE
SET UP REFERENCE IMAGE
S3_7
DETERMINE REFERENCE IMAGE PROCESSING CONDITION
S3_8
END

Fig. 11

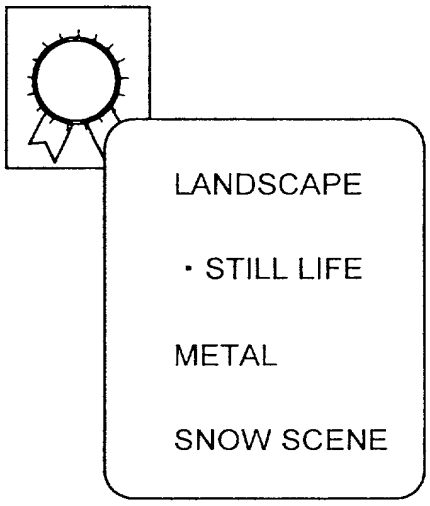

Fig. 12

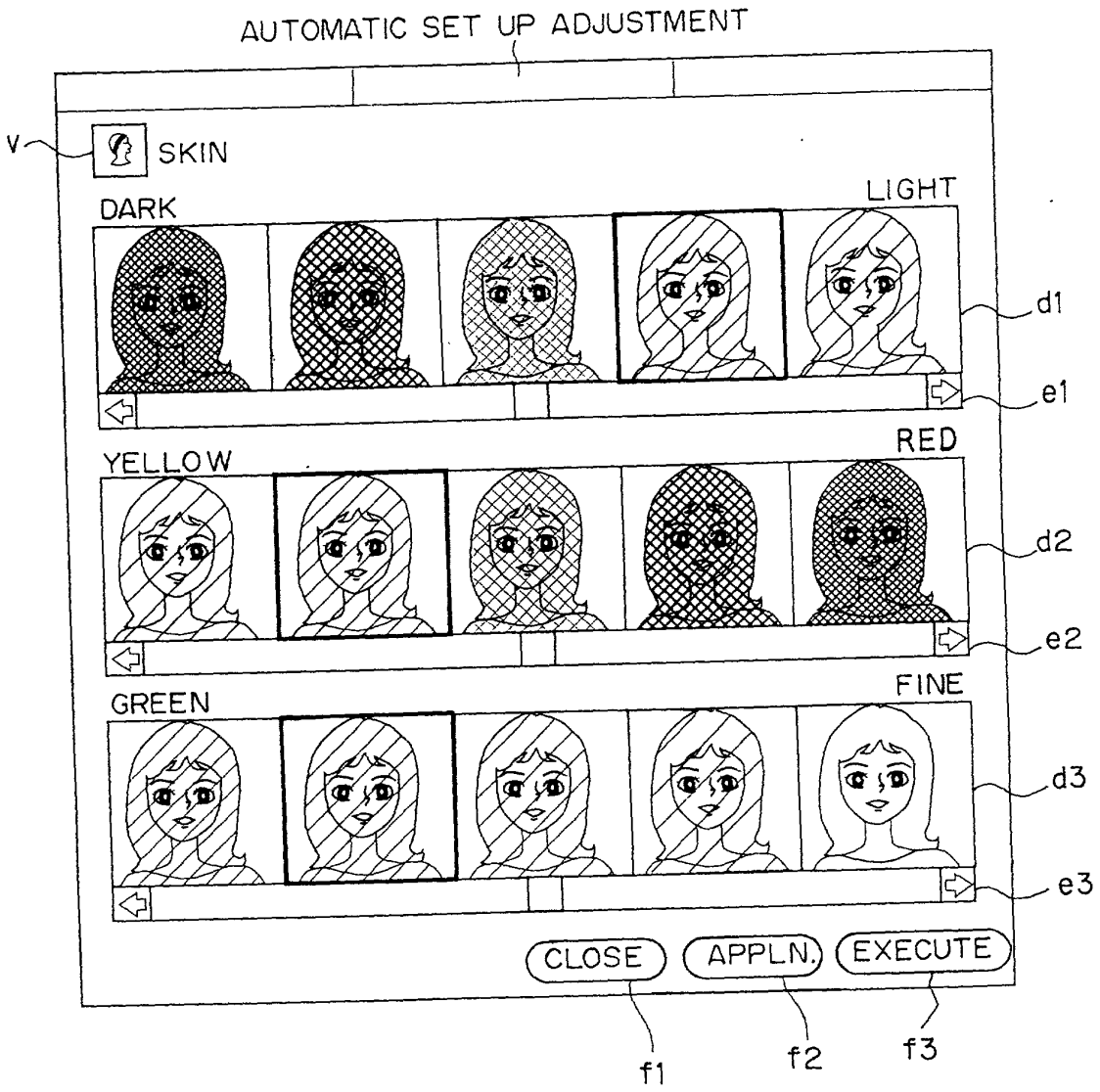
AUTOMATIC SET UP ADJUSTMENT
V
SKIN
DARK
LIGHT
d1
e1
YELLOW
RED
d2
e2
GREEN
FINE
d3
e3
CLOSE
APPLN.
EXECUTE
f1
f2
f3

Fig. 13

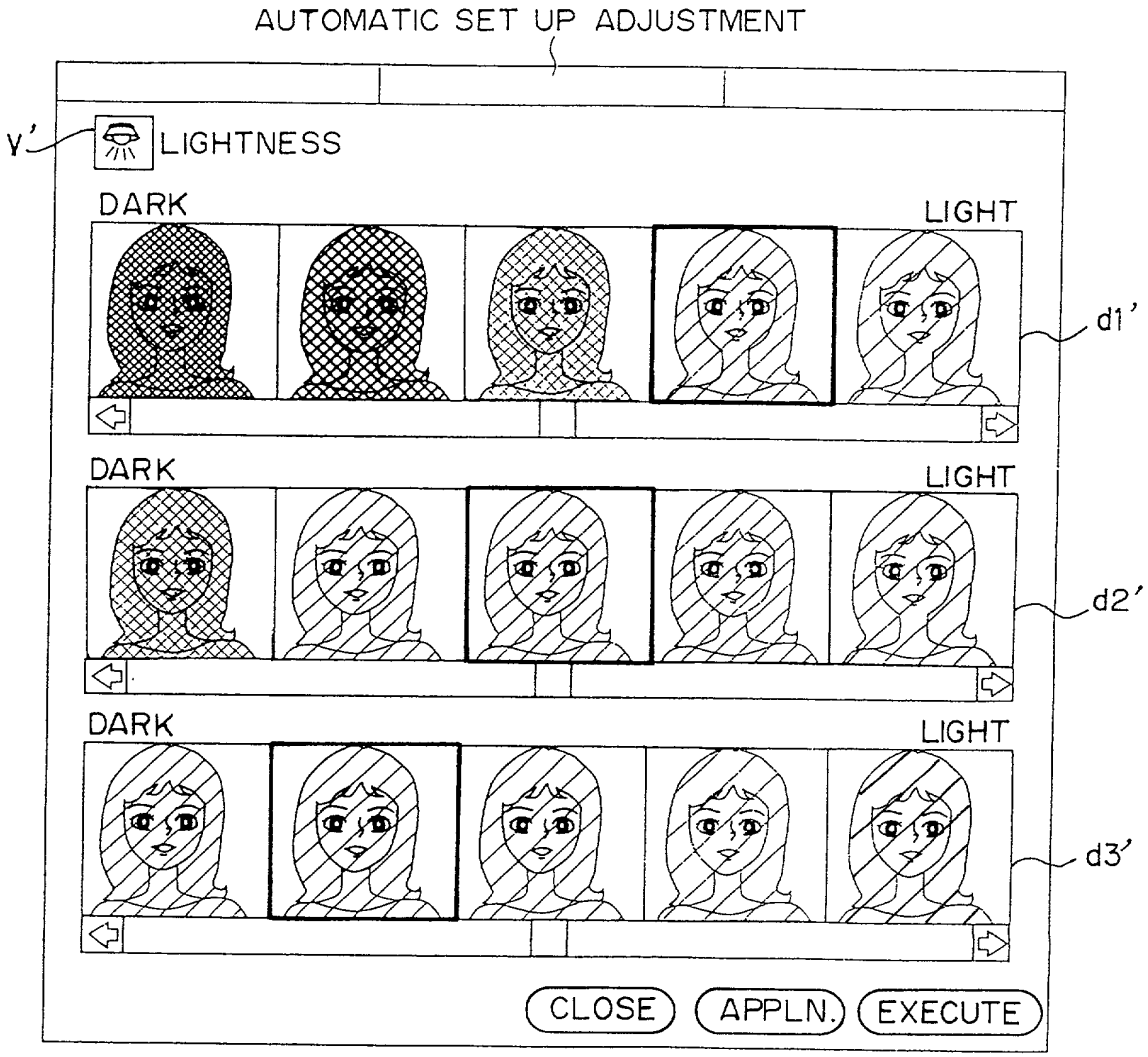
AUTOMATIC SET UP ADJUSTMENT
V'
LIGHTNESS
DARK
LIGHT
d1'
DARK
LIGHT
d2'
DARK
LIGHT
d3'
CLOSE
APPLN.
EXECUTE

Fig. 14